Using Basic Trigonometry To Determine Approximate Distance Across A River:

1) Mark a starting point along a straight stretch of the river as Point A.

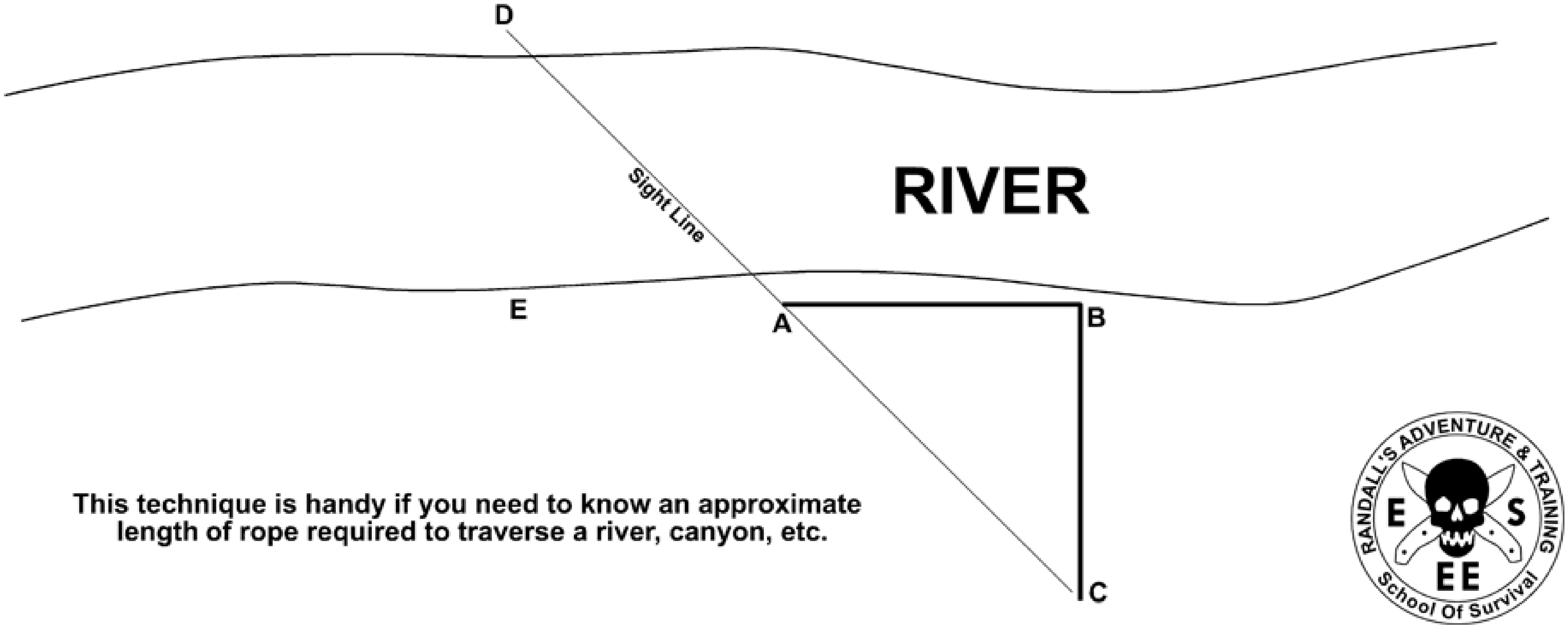
2) Start at Point A and walk 5 paces (can be another number) along the side of the river to point B.

3) Turn 90 degrees and walk the same amount of paces to Point C.

4) Sight from Point C to Point A and find a distant point (D) on the other side of the river.

5) Return to Point A and count your paces until you are directly across from the point you sighted as D (this will be Point E).

6) The river is approximately the same distance in width as the distance you counted between Point A and E



This technique is handy if you need to know an approximate length of rope required to traverse a river, canyon, etc.

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